

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6637	29/592.1,602.1,603.03,603.04,606,607.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 06:55
S2	274	360/264.7-264.9,266.4,294.5.ccls.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 06:56
S3	381	voice near coil near motor near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:07
S4	22	S1 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 06:57
S5	22	S2 and S3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 06:57
S6	0	S4 and S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 06:57
S7	44	S4 or S5	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:02
S9	7987	(head near stack near assembly) or HSA or (head near positioner near assembly)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:03
S10	5	S7 and S9	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:04
S11	0	O'DAY-RICHARD-f.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:04
S12	0	O'DAY-RICHARD.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:04
S13	0	ODAY-RICHARD.in.	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:05
S14	2	("5041935"   "6392845").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 07:06
S15	0	(upper and lower) near voice near coil near motor near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:07
S16	0	upper near voice near coil near motor near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:08

## EAST Search History

S17	27	upper near voice near coil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:12
S18	37	lower near voice near coil	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:08
S19	22	S17 same S18	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:08
S20	4	S17 same S18 same align\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:11
S21	2	("4965684"   "5905609").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 07:11
S22	1	S21 and align\$3	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:11
S23	0	align\$3 with (upper near voice near coil) with (low near voice near coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:12
S24	2	align\$3 with (upper near voice near coil) with (lower near voice near coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:14
S25	826	voice near coil near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:13
S26	3	upper near voice near coil near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:13
S27	5	lower near voice near coil near magnet	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:13
S28	2	S26 and S27	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:13
S29	3	align\$3 same ((upper near voice near coil) with (lower near voice near coil))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:15
S30	4	position\$3 same ((upper near voice near coil) with (lower near voice near coil))	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:16
S31	0	magnetical\$2 near (position\$3 or align\$3) near (voice near coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:17

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S32	69	magnetical\$2 with (position\$3 or align\$3) with (voice near coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:17
S33	1	(magnetical\$2 near (position\$3 or align\$3)) with (voice near coil)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:21
S34	0	S19 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:18
S35	0	S17 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:19
S36	1	S18 and S32	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:20
S37	9688	(position\$3 or align\$3) with ((voice near coil) or VCM)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:21
S38	3644	(position\$3 or align\$3) with ((voice near coil near magnet) or VCM)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:21
S39	25	magnetically with (position\$3 or align\$3) with ((voice near coil near magnet) or VCM)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 07:21
S40	7	(magnetic near field) with verticality	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:08
S41	34	increas\$3 near verticality	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:04
S42	1	S40 and S41	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:04
S43	0	increas\$3 near verticality near (magnetic near field)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:04
S44	521	suspend\$3 near (magnet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:09
S45	958	(upper near magnet) same (lower near magnet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:09
S46	10	S44 and S45	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:31

## EAST Search History

S47	6	("2702191"   "3550316"   "3609606"   "3864872").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 09:14
S48	6	("3955315").URPN.	USPAT	OR	ON	2006/08/01 09:15
S49	217	(align\$3 or position\$3 or adjust\$3) with (upper near magnet) with (lower near magnet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:32
S50	0	(align\$3 or position\$3 or adjust\$3) with (upper near voice near magnet) with (lower near voice near magnet)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:32
S51	0	(align\$3 or position\$3 or adjust\$3) with (upper near VCM) with (lower near VCMT)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:33
S52	5	(align\$3 or position\$3 or adjust\$3) with (upper near VCM) with (lower near VCM)	US-PGPUB; USPAT; EPO; JPO	OR	ON	2006/08/01 09:33


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IEE JNL IEE Journal or Magazine

IEEE CNF IEEE Conference Proceeding

1. **Magnetic properties of  $\text{Sm}_2(\text{Fe}_{1-x}\text{Co}_x)_{17}\text{N}_y$  compounds and their bonded**  
 Yamamoto, H.; Iwasawa, J.; Kumanbara, T.; Kojima, T.;  
Magnetics, IEEE Transactions on  
 Volume 29, Issue 6, Part 2, Nov 1993 Page(s):2845 - 2847  
 Digital Object Identifier 10.1109/20.281072

[AbstractPlus](#) | Full Text: [PDF\(232 KB\)](#) [IEEE JNL](#)  
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IEEE CNF IEE Conference Proceeding

IEEE STD IEEE Standard

2. **Magnetic properties of  $\text{Sm}_2\text{Fe}_{17}\text{N}_x$  powder and bonded magnet**

 Suzuki, S.; Miura, T.;  
Magnetics, IEEE Transactions on  
 Volume 28, Issue 2, Mar 1992 Page(s):994 - 997  
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3. **Processing of Neodymium-Iron-Boron melt-spun ribbons to fully dense n**

 Lee, R.; Brewer, E.; Schaffel, N.;  
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 Volume 21, Issue 5, Sep 1985 Page(s):1958 - 1963

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4. **Anisotropy and magnetic properties of  $\text{Nd}_{16}\text{Fe}_{76}\text{B}_8$  and  $\text{Nd}_{16}\text{Fe}_{75.3}\text{B}_8\text{Zr}_{0.1}$  materials**

 Hae-Woong Kwon;  
Magnetics, IEEE Transactions on  
 Volume 32, Issue 5, Part 2, Sept. 1996 Page(s):4398 - 4400  
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5. **Magnetic properties of  $\text{RFe}_{11-x}\text{Co}_x\text{TiN}_y$  ( $\text{R}:\text{Nd,Pr}$ ) compounds with  $\text{ThMn}_12$**

 Suzuki, S.; Inoue, N.; Miura, T.;  
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 Volume 28, Issue 5, Part 2, Sep 1992 Page(s):2005 - 2009  
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- 6. **Microstructure and magnetic properties of anisotropic NdFeB powders from ingots by HD process**  
Hinz, D.; Handstein, A.; Harris, I.R.;  
*Magnetics, IEEE Transactions on*  
Volume 30, Issue 2, Part 1-2, Mar 1994 Page(s):601 - 603  
Digital Object Identifier 10.1109/20.312348  
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- 7. **Mixed rare-earth effects in  $(\text{Sm}/\text{Gd})_2(\text{Fe}/\text{Si})_{17}$  intermetallics**  
Marasinghe, G.K.; Priyantha, W.; Kamaraju, K.; James, W.J.; Yelon, W.B.; Dut Ali, N.; Ellouze, M.; l'Heritier, P.;  
*Magnetics, IEEE Transactions on*  
Volume 37, Issue 4, Part 1, July 2001 Page(s):2599 - 2602  
Digital Object Identifier 10.1109/20.951247  
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- 8. **Magnetic properties of  $\text{Y}_3(\text{Fe},\text{Ti})_{29}$**   
Hong-Shuo Li; Courtois, D.; Cadogan, J.M.; Bo-Ping Hu; Wen-Shan Zhan;  
*Magnetics, IEEE Transactions on*  
Volume 31, Issue 6, Part 2, Nov. 1995 Page(s):3680 - 3682  
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- 9. **Magnetic properties of  $\text{Nd}_2\text{Fe}_{17-x}\text{Ga}_x$  compounds**  
Al-Omari, I.A.; Sellmyer, D.J.;  
*Magnetics, IEEE Transactions on*  
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- 10. **Phase equilibria and magnetic characteristics of phases in the MM-Co-Fe high transition metal side**  
Mittal, R.; Satyanarayana, M.; Gupta, K.; Gupta, H.; Kaul, S.; Majumdar, A.; S K.; Subbarao, E.; Velu, E.;  
*Magnetics, IEEE Transactions on*  
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